Philips 8000 LED series LCD TV with Ambilight Spectra 2 and Perfect Pixel HD Engine

52"

Full HD 1080p digital TV

52PFL8605K

Refined living, pure performance

with Ambilight and leading picture

Be captivated by a truly refined performance. A frameless design and Ambilight set the scene for you to experience the brilliance of LED technology. Enjoy the show.

Enlarge your viewing experience

- Ambilight Spectra 2 widens the viewing experience

Breathtaking perfect pictures

- Full HD with Perfect Pixel HD Engine for unrivalled clarity
- Full HD 3D Ready for a truly immersive 3D movie experience
- Brilliant LED images with low power consumption
- 200Hz Clear LCD, 1ms performance: superb motion sharpness
- Perfect Natural Motion for ultra smooth Full HD movies

Impressive, invisible sound

- Feel the power of 20W RMS and Incredible Surround

Connect and enjoy the online world

- Net TV for popular online services on your TV

Greener every day

- LED is up to 40% more energy efficient than regular LCD TVs

NL/22/001

PHILIPS

sense and simplicity

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Highlights

Ambilight Spectra 2

Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen by projecting a glow of light, on the 2 sides of the TV, from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light to match the picture, creating an immersive viewing experience. The wall adaptive function ensures that the color of the light always matches the picture, no matter what the color of your wall. With Ambilight Spectra 2 movies truly come to life!

Perfect Pixel HD Engine

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, for a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV. The Full HD screen with 1920 x 1080p pixels produces brilliant flicker-free progressive scan pictures with superb brightness.

Full HD 3D Ready

Be enthralled by 3D movies in your own living room with the Full HD 3D ready TV. Active 3D uses the latest generation of fast switching displays for real life depth and realism in full 1080x1920 HD resolution. Premium 3D movie releases on BluRay and upcoming 3D broadcast offers a wide and high quality content selection. Your TV is ready for the Full HD 3D experience by adding a 3D compatible BluRay player or HD receiver, and the accessory 3D upgrade kit (Philips PTA02). For family enjoyment with more than 2 viewers add as many 3D glasses as you wish (extension kit PTA03).

LED

LED lighting technology is the most advanced available. In this TV it combines an eyecatching minimalistic design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

Net TV

Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your home theater directly to your home network through the ethernet connection, and navigate and select what you want to watch with the remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your remote control.

2-in-1 Stand

This TV comes with a table top stand that can also be use to wall-mount your television. There is no need to buy additional wall-mount brackets. The stand is also designed to ensure that your TV is always level when wall-mounted. A simple touch of your hand will perfectly level the TV!

Matching home theatre experience

Intensify your cinematic viewing experience further with the matching Philips Soundbar (HTS9140). You now only need one remote control to operate both devices. Using Philips easylink via HDMI connection, you are also ensured that you have the best picture and sound performance from the complete combination. Enquire more about this unique combination today!

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Specifications

Picture/Display
- Peak Luminance ratio: 65 %
- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Dynamic screen contrast: 500000:1
- Response time (typical): 1 (BEW) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 52 inch / 132 cm
- Display: LCD Full HD, edge LED backlight
- Panel resolution: 1920x1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colors, Active Control + Light sensor, 2D/3D noise reduction, 200Hz Clear LCD, Super Resolution, 3D TV prepared*, 1 ms, 200 Hz
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 2250 trillion colors 17bit RGB
- 3D: 3D Ready

Ambilight
- Ambilight Version: 2 sided
- Ambilight Features: Ambilight Spectra 2, Lounge light mode in stand-by, 'Sunset' soft switch off, Wall colour adaptive
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED wide color

Supported Display Resolution
- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: up to 1920x1080p, 24, 25, 30, 50, 60 Hz

Sound
- Output power (RMS): 2 x 10W, Invisible Sound
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound

Convenience
- Ease of Installation: Channel installation wizard, Network installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, 2-in-1 Wallmount Stand
- Ease of Use: Onscreen Usermanual, Touch control buttons, Favorite program selection, Mozaïc channel grid, One-stop experience button, One-stop Home button
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Screen Format Adjustments: Autofill (no black bars), Autozoom (original format, includes 4:3, 14:9, 21:9), Super Zoom, Movie expand 16:9, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Multimedia: DLNA media Browser, Net TV services, USB media browser

Multimedia Applications
- Picture Playback Formats: JPEG
- Music Playback Formats: MP3, WMA (v2 up to v9.2), AAC
- Video Playback Formats: Codec support:, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV
- Net TV: Included

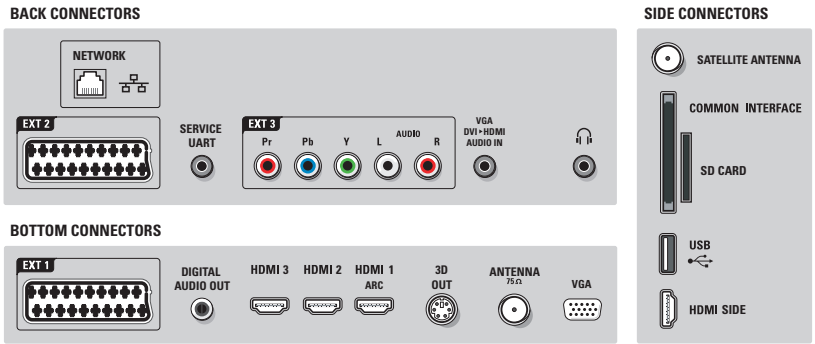
Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *, DVB-T MPEG4*, DVB-C MPEG4*, DVB-S2 MPEG4 HD, MHEG, DVB-S HD+ support (Astra)
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- VGA-in: PC input, D-sub 15
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- HDMI Side: HDMI v1.3
- Front / Side connections: USB, Common Interface Slot (CI-CI+), SD-card (Videostore)
- Other connections: Headphone out, S/PDIF out (coaxial), Ethernet-LAN RJ-45, 3D TV connector
- HDMI features: Audio Return Channel, Instaport fast HDMI switching
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link, Remote control pass-through, System audio control, System standby
- PC network link: DLNA 1.5 certified
- Summary: 4x HDMI, 1x USB, 2x SCART, 1x Ethernet, Wi-Fi ready

Power
- Off mode power consumption: < 0.01 W
- Green label: ECO label certified
- Presence of lead: Yes*
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Standby power consumption: <0.15 W
- Power Saving Features: 0 Watt Power-off switch, Light sensor, Eco mode, Picture mute (for radio), Auto switch-off timer, Eco settings menu

Dimensions
- Set dimensions (W x H x D): 1245 x 757 x 51 mm
- Set dimensions with stand (H x D): 802 x 268 mm
- Product weight: 33 kg
- Product weight (+stand): 36 kg
- Color cabinet: Seamless front glass
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included accessories: Power cord, Quick start guide, Warranty certificate, Remote Control, Batteries for remote control, Legal and safety brochure, Net TV brochure
- Optional accessories: Wireless USB adaptor (PTA01), 3D TV extention kit (PTA03), 3D TV starter kit (PTA02)



* 8 days EPG, service not available in all countries
* Typical on-mode power consumption measured according to IEC62087 Ed 2.
* Net TV: Visit www.philips.com/tv to discover the services offering in your country.
* Annual energy consumption is calculated using the typical power consumption 4 hours per day, 365 days per year.
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.
* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.
* 3D TV requires Accessory PTA02 (Active shutter glasses and transmitter, a 3D compatible source device, and 3D source material.

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